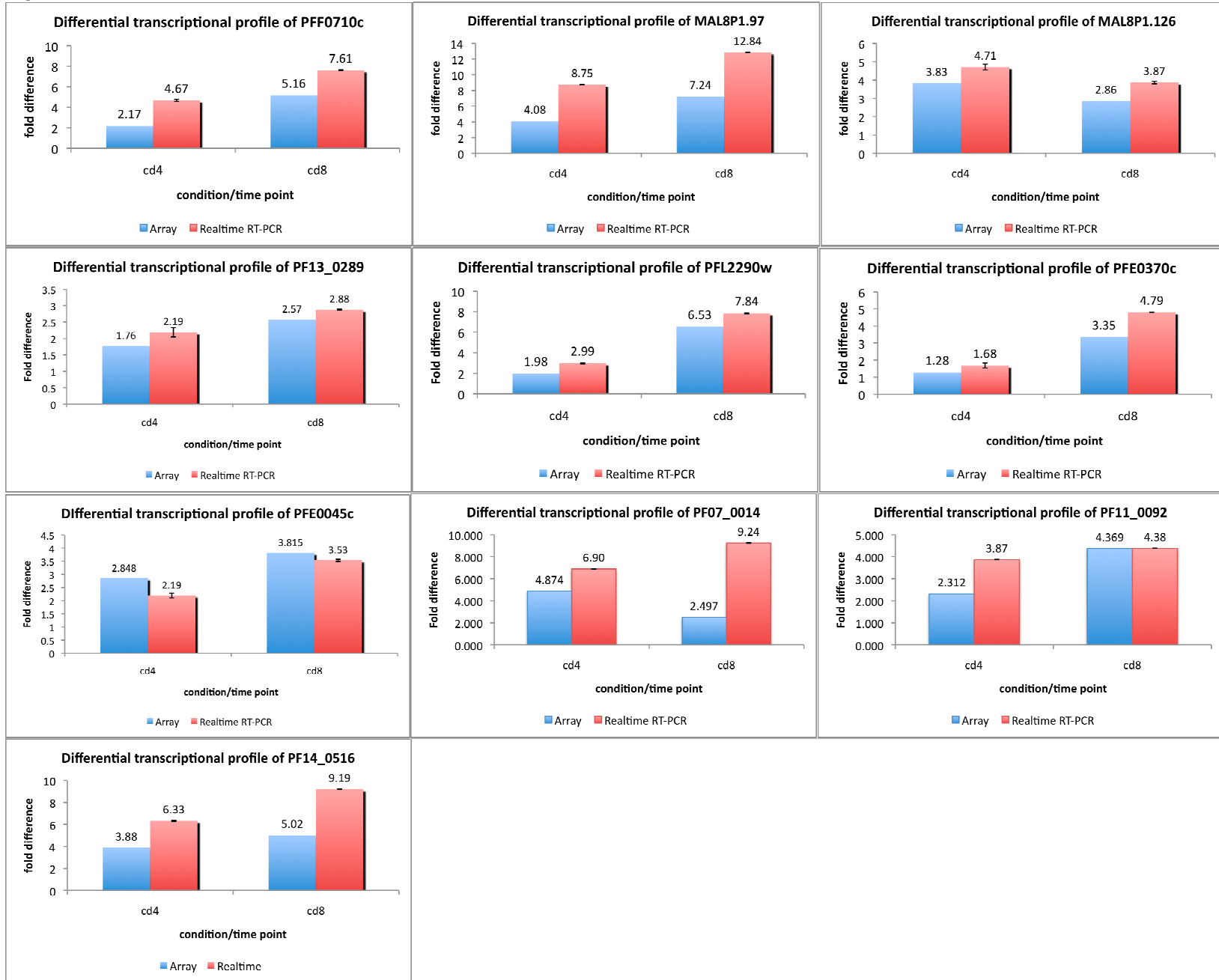


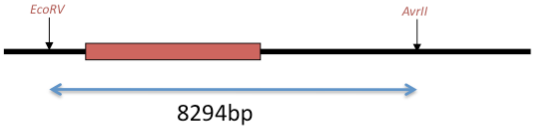
Supplementary Data
Figure S2



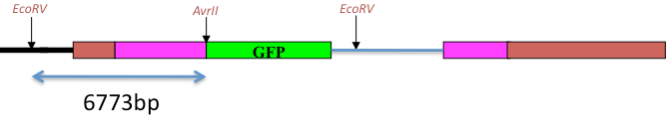
Supplementary Data
Figure S3

A.

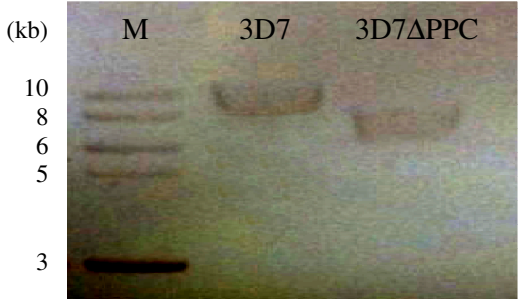
Wild-type genome, with gene-specific probe:



Integrated into genome, with gene-specific probe:



B.



Supplementary Data
Table S5

Gene	Forward primer	Forward primer sequence (5' - 3')	Reverse primer	Reverse primer sequence (5' - 3')
PFF0710c	PFF0710cF	TTGCACTCCTCTTTCTACGCC	PFF0710cR	AATCAACATTAAGGAAACGGAAATC
MAL8P1.97	MAL8P1.97F	TGGATTATGCTCTTTCGATTGC	MAL8P1.97R	AATCTGCCCATTC AATTTGTTCC
MAL8P1.126	MAL8P1.126F	TCAGGGGGATACAGACTATTGC	MAL8P1.126R	CTACCGTTTCGTTGTCCCTTAG
PF13_0289	PF13_0289F	CCAGGTGGATCATTAGTTACAGC	PF13_0289R	TTTGCCTAGTTGGTTATTTTTG
PFL2290w	PFL2290wF	TAATGGATGGCAACAAACAAAC	PFL2290wR	ATTCCAAAGAGTCGGATTGAAG
PFE0370c	PFE0370cF	AGGAGAAGGGAGCTTTGATTG	PFE0370cR	GTTGAATGGCGTTTCCTTTTAG
PFE0045c	PFE0045cF	CGACATGTCCAAGAACTAAAGG	PFE0045cR	ATGCCATATATGCCCATCATTCC
PF07_0014	PF07_0014F	CGCATCCTCAAAGAATACTC	PF07_0014R	ATCTTTTGGTTCCTCCTCATGG
PF11_0092	PF11_0092F	TCTATGGATGGTTTGTACCAC	PF11_0092R	CCTGGTCCGTTAGATTTTCATC
PF14_0516	PF14_0516F	TGGATTATACGAATGAAATGTGG	PF14_0516R	ACTTTACCAAACGTCCCTTTCC
PFL2215w	actinF	GCAGCAGGAATCCACACAAC	actinR	GTGGACAATACTTGGTCCTG